

FNS Submission System Interface

Overview and Approach

Presented to: NOTAM Origination TIM
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Federal Aviation
Administration



Overview

- **Discuss the FNS submission workflow**
- **Describe the FNS SysLink Interface**
- **Open Up for Discussion**
- **Demo of the System**



FNS Submission Workflow

- **Manage NOTAMs via FNS through**
 - User Interface – FNS NOTAM Manager
 - System Interface – FNS SysLink
- **Web service interface**
 - Use your existing IT investments
 - Same set of business rules applied for both UI & SI submissions
 - Supports both digital & free-form
 - Digital submissions are validated & numbered immediately
 - Free-form submissions are submitted for Specialist review



SysLink High Level Details

- **SOAP 1.2 Compliant**
- **Digital NOTAM Submission using Scenarios**
- **Scenarios described in the Analysis Document**
- **SysLink – generic interface supporting all scenarios**



Using SysLink to Submit NOTAMs

- **Steps for Using SysLink**
 - Authentication
 - Authorization
 - Identify the feature
 - Specify the properties affected by the temporary change
 - Time period for which this temporary change is effective
- **Message payload in AIXM 5.1**
 - Using FNS_Messages.xsd an extension to support FNS



SysLink Operations

- **Create NOTAM**
- **Cancel NOTAM**
- **Check Status of Submission**
- **Get NOTAM Details**
- **Search My NOTAMs**
- **Search NOTAMs by Feature**

